The VAIO FZ is a 15.4"[2] entertainment PC in the body of an incredibly thin-and-light notebook

POWERFUL PC PERFORMANCE AND PREMIUM MOBILITY

The VAIO® FZ is an ideal PC for your day-to-day productivity in an intelligent, highly mobile design.

Enjoy desktop performance in a notebook package with an Intel® Core™ 2 Duo processor T8100 (2.10GHz[8]) with 3MB of L2 cache and 2GB (1GBx2, DDR2) of system memory.

The VAIO® FZ notebook comes pre-installed with Genuine Microsoft® Windows Vista® Home Premium OS.

Offering a massive boost in wireless connection speed and range, work and play quicker anywhere within your office or home using next-generation 802.11a/b/g/n wireless LAN technology[3] .

STUNNING HD ENTERTAINMENT

Watch your Blu-ray Disc™ [12] movies in stunning HD on the 15.4" widescreen display [2] using XBRITE-ECO™ LCD technology and powered by a NVIDIA® GeForce® 8400M with 256MB of dedicated Video RAM, so you can see deeper blacks, brighter whites, true-to-life color and razor-sharp detail from any angle.

An HDMI™ output delivers video and audio to external sources via a single cable so you can enjoy HD entertainment on your compatible big screen TV without a myriad of extra cables (HDMI cable sold seperately).

Go straight to your favorite DVD/CD, songs and photos with the touch of a button. A/V instant mode gives you instant access to your favorite multimedia without ever booting-up the operating system and conserving your battery[18] .

EASY COMMUNICATION AND RICH MULTIMEDIA

Stay connected with colleagues, friends and family in the office or on the go with real-time video conferencing using the integrated MOTION EYE® camera and microphone.

Hearyour music like never before and enjoy the incredibly rich and full sound that Sony's original Sound Reality™ technology delivers.

Extend the reach of your FZ notebook with A2DP Bluetooth® technology[17] that is ideal for advanced wireless communication and streaming uncompromised CD-quality stereo music to Bluetooth® speakers or headphones.

With Click to Disc™ software and the advanced DVD+R double layer drive, presenting your digital video content in a professional-looking package is quick and easy.

Store all your important documents, family pictures and videos and dynamic presentations on the roomy 250GB[9] (5400rpm) hard drive.

The 15.4"[2] Blu-ray Disc™ -enabled VAIO® FZ notebook with XBRITE-ECO™ LCD technology features A2DP Bluetooth® technology[17] for wireless audio streaming and embedded A/V controls for one-touch access to entertainment. With a built-in camera and microphone for video messaging[5] , a BD-ROM for Blu-ray Disc™ playback[18] and a CD/DVD burner for storage[4] , this blazing-fast PC is packed with exciting entertainment features.

Intel Centrino Core 2 Duo inside

Windows Vista Home Premium

Bluetooth

dlna CERTIFIED

XBRITE-ECO™

VGN-FZ460E/B

VAIO® FZ Notebook PC

Specifications

General

Computer Type: Notebook
Type of Use: Portable
Action Buttons: S (programmable), Volume, AV Mode, Play/Pause, FF, Rewind and Stop
Pointing Device: Electro-Static touch pad

Hardware

Keyboard: QWERTY, 82 keys with 2mm stroke and 19.05mm pitch
Camera: Built-in 1.3 megapixel MOTION EYE® camera and microphone

Processor

Type: Intel® Core™ 2 Duo Processor T8100
Speed: 2.10GHz[8]
Front Side Bus Speed: 800MHz
L2 Cache: 3MB
Technology: Intel® Centrino® Duo Processor Technology

Memory

Type: DDR2
Installed: 2GB (1GBx2) PC2-5300
Maximum: 4GB[16]
Speed: 667MHz

Hard Drive

Capacity: 250GB[9]
Speed: 5400rpm
Interface: Serial ATA

Optical Drive #1

DVD+R DL Write: 2.4x max.
DVD+R Write: 8x max.
DVD+RW Write: 4x max.
DVD-R Write: 8x max.
DVD-RW Write: 4x max.
CD-R Write: 8x max.
CD-RW Write: 8x max.
CD Read: 24x max.
DVD Read: 8x max.
DVD-RAM Write: 5x max.
DVD-R DL Write: 2x max.
BD-R Read: 2x max
BD-ROM Read: 2x max
BD-RE Read: 2x max
BD-R DL Read: 1.6x max
DVD-RAM Read: 5x max.
Blu-Ray Disc™ Support: Yes[12] (BD-ROM/DVD±R DL/DVD±RW)
BD-RE DL Read: 1.6x max

Expansion Slots

Multimedia Card Reader: One Memory Stick Duo™ media with MagicGate® functionality
One ExpressCard® /34 Slot
One Secure Digital (SD™ memory card) Slot

Audio

Sound System: Sony® Sound Reality™ - Audio Enhancer

Display

Screen or Display Technology: WXGA LCD
Screen Size: 15.4"[2]
Resolution: 1280 x 800
XBRITE-ECO™ Technology: Yes

Graphics

Processor: NVIDIA® GeForce® 8400M GT GPU with Total Available Graphics Memory of 1023MB (max.)[11]
Video RAM: 256MB Dedicated Video RAM
Chipset: Mobile Intel® PM965 Express Chipset
Interface: HDMI, VGA and S-Video Out with Smart Display Sensor

Inputs and Outputs

Ethernet Port: 1
Headphone Jack: 1
Modem Jack: 1
Microphone Input: 1
S-Video Output(s): 1
USB Port(s): 3 (2.0 compliant)
VGA Output(s): 1
DC-In: 1
i.LINK® Connection: 1 (4pin) i.LINK® connector (IEEE 1394)[7]
HDMI™ Connection(s): 1

Networking/Modem

Ethernet Protocol: Fast Ethernet (RJ-45)
Ethernet Speed: 10Base-T/100Base-TX
Modem Type: Integrated V.92/V.90 Modem (RJ-11)
Wireless LAN: Intel® PRO/Wireless 4965AGN Network Connection (802.11a/b/g/n)[3]
Bluetooth® Technology: Integrated A2DP Bluetooth® Technology[17]

Power

Battery Type: Standard Lithium-ion Battery (VGP-BPS8)
Estimated Battery Life: 1.5-3.0 hours[6] (Standard Battery)
2.0-4.0 hours[6] (Large Battery)
Power Requirements: 110W+10%

Software

Operating System: Genuine Microsoft® Windows Vista® Home Premium
Internet Services: AOL® 90-Day Risk Free Trial - New Users Only
Supplied Software: Microsoft® Works SE 9.0 w/ 60-Day Trial Version of Microsoft® Office Home and Student 2007[10]
Sony® Original Software: Click to Disc™ - DVD Creation
LocationFree Player® Software
*Please access VAIO® Help and Support from your PC for a complete list of software applications and trials.
Security and Anti-Virus Software: Norton 360™ All-In-One Security 60-day Trial

Service and Warranty Information

Limited Warranty: 1 Year Limited Warranty[14]. See actual warranty for details.
Telephone Support: 1 year toll-free technical telephone assistance, available 24/7[15]
Online and Email Support: Support available from http://www.esupport.sony.com/EN/VAIO

Dimensions

Weight: 5.9 lbs.(with standard battery)[1]
Measurements: 14"(W) x 0.98-1.4"(H) x 10.02"(D)[1]

Supplied Accessories

Standard Lithium-ion battery (VGP-BPS8)
AC adapter
Power Cord

Optional Accessories

AC Adapter (VGP-AC19V10)
Stick AC Adapter (VGP-AC19V21)
Large Capacity Battery (VGP-BPL8)
100GB[9] Hard Drive with Security (VGP-UHDM10/B)
Bluetooth® Laser Mouse (VGP-BMS33/B)[17]
Bluetooth® Presentation Controller (VGP-BRMP10)[17]
Neoprene Case (VGP-AMC3)
Leather Carrying Case (VGP-AMB8)
Urban Messenger Bag (VGP-AML2)

Color: Silver
UPC Code: 027242733138

1. Non-metric weights and measures are approximate and may vary.
2. Viewable area measured diagonally.
3. Requires 802.11n compatible access point. Some functionality may require Internet services, which may require a fee.
4. DVD media/formats are not universally compatible.
5. Broadband internet service required along with third party services which may require a subscription or other service fee.
6. Actual battery life will vary based on product settings, usage patterns, battery and environmental conditions.
7. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
8. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
9. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
10. 60-Day Trial Version of Microsoft® Office 2007 - This trial software will work only for 60 days after you first use it. You will not be able to use the software if you do not activate it as described the first time you use the software. You can activate the software by Internet: Internet service charges may apply. If you want to keep using the software after the 60-day trial period, you must convert to the perpetual version. You can convert online by following the conversion instructions presented during setup and paying the required fees.
11. Total Available Graphics Memory refers to the new Windows Vista™ classification of graphics memory, which is the total of Dedicated Video Memory, System Video Memory and Shared System Memory. Shared System Memory varies depending on the operating condition and system memory size.
12. As with other optical media devices, circumstances may limit compatibility or prevent Blu-ray Disc™ media playback. VAIO computers may not support movie playback on packaged media recorded in AVC or VC1 formats at high bit rates.
13. Video recording to Blu-ray Disc™ media is done in MPEG2 and AVC formats.
14. See actual limited warranty for details. For a copy of Sony's warranty, please visit www.sony.com/pcsupport, call toll-free 888-476-6972 (888-4SONYPC), or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913.
15. For certain third party software applications, Sony provides first level Phone Support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the applicable software vendor. Broadband connection is required along with third party services which may require a subscription fee and other service fees.
16. A portion of the system memory over 3GB may not be available to the operating system.
17. Use of this Bluetooth® enabled product with other devices may vary as not all Bluetooth® devices are compatible.
18. Blu-ray Disc™ media playback is unavailable in A/V instant mode.

Computer Interface: The computer industry lacks standards, and therefore, there are a multitude of varying software packages and add-on hardware options. This personal computer is not manufactured to operate any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned in this document. Sony hereby disclaims any representations or warranty that this product is compatible with any combination of products you may choose to connect. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony Notebook Computer are subject to change without notice. Simulated graphic shown on display. Pre-installed software may not be identical to retail versions or have all documentation. This product meets the standards of the International Energy Star Program for energy efficiency. Features and specifications are subject to change without notice.
Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (www.eiae.org).
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Printed in U.S.A. 12/07.